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are widely used and are usually provided with a holding device in the form of a C-arm and nevertheless maintain a high positioning accuracy. The invention further relates to a supporting device constructed with a plurality of hinged, serially interconnected supporting members. The supporting device is formed notably by a serial manipulator, for example, a conventional robot arm.

IN THE SPECIFICATION

\ At page 1, before the first full paragraph, insert the following centered heading:

A2

BACKGROUND OF THE INVENTION, and following subheading:
Field of the Invention.

\ Please amend the first paragraph of page 1 of applicants' specification to read as follows.

A3

The invention relates to an x-ray device provided with an X-ray source and an X-ray detector which are mounted at a respective end of a common holding device, the holding device being connected to the room by way of a supporting device, wherein the supporting device is composed of a plurality of hinged, serially interconnected supporting members.

\ Please add the following subheading before the second full paragraph of page 1 of applicants' Specification:

A4

Description of the Related Art.

\ At page 3, before the forth full paragraph beginning at line 26, insert the following centered heading:

A5 BRIEF DESCRIPTION OF THE DRAWING FIGURES.

— Please add the following centered heading before the first paragraph at page 4 of applicants' Specification.

A6 DETAILED DESCRIPTION OF THE INVENTION.

— Please amend the first paragraph at page 4 of applicants' Specification to read as follows.

A7 The known X-ray device that is shown in Fig. 1 has a holding device in the form of a C-arm 1 with an X-ray tube 2 and an X-ray detector 3. The tube and the detector are oriented relative to one another in such a manner that X-rays emanating from the X-ray tube 2 along the projection radius P traverse an object to be examined that is arranged on the patient table 4 in the examination zone Z and are incident on the X-ray detector 3. The X-ray tube 2 and the X-ray detector 3 are rotatable about the z_2 axis in the given angular range via rails 11 which are provided on the C-arm 1 and extend through a rail holding system 10. The rail holding system 10 is connected to a rigid supporting device 6 via a hinge 5 that allows a rotation of 315° about the z_2 axis in the case shown. The latter device itself is mounted, via a hinge 7 which enables rotation about the z_1 axis, on a slide 8 which is displaceable in a system of rails 81 which itself is attached to the ceiling 9. As is already indicated by the angles given, the degree of freedom is limited in such an X-ray device.
